

**ABSTRACT**

A filter comprises a box casing in which at least one cavity is present between an outer element of the casing and an inner surface presenting a plurality of channels on which a corresponding hydrophilic filtering membrane lies, the cavity communicating with a conduit for entry of the fluid into the filter and the channels being connected to a conduit for exit of the fluid, in the outer element there being provided through apertures with which hydrophobic membranes are associated. A surface bounded by the shortest possible ideal closed line, which totally comprises all the hydrophobic membranes, contains substantially within its interior the projection thereon of the useful hydrophilic surface of the hydrophilic filtering membrane, this enabling the filter to be employed in a plurality of spatial positions during its use.